AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0025] with the following paragraph:

FIG. 6 is a plot illustrating a representative wavelength band of single polarization of an embodiment of the single polarization optical fiber 30 aligned with a plot illustrating a representative grating filter bandwidth of the input mirror 60 centered with the cutoff wavelength of the second polarization 50 within the operating wavelength range, gain curver or gain bandwidth 650 of the single polarization optical fiber 30, operated as a laser of FIG. 1, in accordance with the invention.

Please replace paragraph [0035] with the following paragraph:

Referring to FIG. 6, wavelength spectrum of an optically active linear single polarization device, in accordance with the teachings of the present invention is shown. A linearly birefringent and linearly dichroic optical waveguide, such as a fiber 30 of FIG. 1, or an undoped single polarization fiber 30' fused with a doped elliptical core in a fiber section 20 of FIG. 12, propagates light having polarization components along a first linear polarization characteristic mode 45 and along a second linear polarization characteristic mode 50 with a sufficient differential polarization dependent loss (PDL is approximately greater than 3dB) between the first and second modes accumulated over a sufficiently long waveguide length such that the first polarization mode has a first attenuation of 3dB at a first cut-off wavelength [[601]] and the second polarization has a second attenuation of 3dB at a second cut-off wavelength [[602]] to provide a single polarization wavelength range 48 having a single polarization center wavelength between the first and second cut-off wavelengths such that the first cut-off wavelength is less than the second cut-off wavelength.

Please replace paragraph [0036] with the following paragraph:

A plurality of active dopants 90, as seen in FIG. 1, are disposed in a portion 34 of the linearly birefringent and linearly dichroic optical waveguide 30 for providing operation of the waveguide in an operating wavelength range 650 having a center operating wavelength wherein the single polarization wavelength center wavelength is sufficiently close to the center operating wavelength such that the operating wavelength range overlaps the single polarization wavelength range 48. Even though the single polarization wavelength range 48 is shown narrower for the specific application of a Yb-doped fiber laser where gain [[650]] of FIG. 6 occurs from [[1020]] <u>920</u> to 1100nm, in general the operating wavelength range 650 can be broader or narrower than the single polarization wavelength range 48. Ideally, the center wavelength of the operating wavelength range 650 should be coincident with the center wavelength of the single polarization wavelength range 48, however, the center wavelengths can be sufficiently close to each other that these two wavelength ranges 650 and 48 overlaps at least at the operating wavelength of an output signal 66 of FIG. 1 of the optically active linear single polarization device. Hence, the optically active linear single polarization device is forced by waveguide design parameters to oscillate or amplify within the single polarization wavelength range 48.